

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L4    | 883  | ((RYCHNOVSKY near2 STEVEN) (FRANCO near2 JOHN) (VASEK near2 JEFFREY) (BLONG near2 "C. T.") (HILL near2 JOHN)).in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR               | OFF     | 2006/10/27 16:08 |
| L6    | 143  | LaFontaine.in.  | USPAT  | OR               | OFF     | 2006/10/27 16:13 |
| L9    | 143  | LaFontaine.in.  | USPAT  | OR               | OFF     | 2006/10/27 16:16 |
| L10   | 49   | ("0623022"   "2043083"   "3473087"   "3543760"   "3642008"   "3659588"   "3680544"   "3720209"   "3807391"   "4058116"   "4116198"   "4248231"   "4326529"   "4432367"   "4641649"   "4644960"   "4674499"   "4699147"   "4785815"   "4832048"   "4869248"   "4896671"   "4922912"   "4931047"   "4940064"   "4943290"   "4945912"   "4966597"   "4974595"   "4979948"   "4985028"   "5047028"   "5056517"   "5083565"   "5104393"   "5111832"   "5122138"   "5167659"   "5300069"   "5460628"   "5472441"   "5498238"   "5722403"   "5797903"   "RE33925").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | OFF     | 2006/10/27 16:17 |
| L11   | 143  | LaFontaine.in.  | USPAT  | OR               | OFF     | 2006/10/27 16:20 |
| L12   | 915  | (606/7,15).CCLS.  | USPAT;<br>USOCR  | OR               | OFF     | 2006/10/27 16:28 |
| L13   | 345  | 12 and balloon  | USPAT  | OR               | OFF     | 2006/10/27 16:28 |
| L14   | 51   | 13 and infusion   | USPAT  | OR               | OFF     | 2006/10/27 16:29 |
| L15   | 51   | 13 and infusion   | USPAT  | OR               | ON      | 2006/10/27 16:43 |
| L16   | 115  | 12 and infus\$5   | USPAT  | OR               | ON      | 2006/10/27 16:43 |
| L17   | 51   | 12 and (infus\$5 same (port lumen slot slit notch))   | USPAT  | OR               | ON      | 2006/10/27 16:45 |
| L18   | 22   | 17 not 14   | USPAT  | OR               | ON      | 2006/10/27 16:48 |
| L19   | 0    | (catheter AND shaft AND ((light AND guide) (fiber AND optic\$2)) AND occlusion AND balloon AND inflation AND infusion AND lumen AND fluid AND source AND (port slot slit) AND radial\$3 AND circumferenc\$3 AND longitud\$5).<br>clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/27 16:59 |

## EAST Search History

|     |   |  |  |    |    |                  |
|-----|---|--|--|----|----|------------------|
| L21 | 1 | (catheter AND shaft AND variable AND diameter AND transition AND zone AND ((light AND guide) (fiber AND optic\$2)) AND infusion AND lumen AND (port slot slit) AND fluid).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/27 17:02 |
|-----|---|--|--|----|----|------------------|

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 6306 | ((606/7,10-16) or (607/88,89,92) or (600/108,128-130,156,175-177) or (604/19-21,508-510,915-921)). CCLS.          | USPAT;<br>USOCR   | OR               | OFF     | 2006/10/27 16:28 |
| S2    | 841  | ((RYCHNOVSKY near2 STEVEN) (FRANCO near2 JOHN) (VASEK near2 JEFFREY) (BLONG near2 "C. T.") (HILL near2 JOHN)).in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/10/27 16:08 |
| S3    | 1    | S1 and S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/10/01 18:46 |
| S4    | 25   | S2 and catheter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/10/01 18:51 |
| S5    | 1377 | S1 and (catheter same balloon)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/10/01 18:51 |
| S9    | 233  | S5 and (infusion same (lumen tube duct))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/10/01 18:58 |
| S10   | 196  | S9 and (inflat\$3 same (lumen tube duct))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/10/01 18:59 |
| S11   | 31   | S10 and (optic\$2 near fiber)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/10/01 19:33 |

## EAST Search History

|     |     |  |                    |    |     |                  |
|-----|-----|--|--------------------|----|-----|------------------|
| S12 | 13  | ((("5263952") or ("5226430") or ("5019075") or ("4799479") or ("6423055") or ("5573531") or ("5344419") or ("5833682") or ("5104392") or ("5192278") or ("5254112") or ("4852567") or ("4685458"))).PN.  | USPAT              | OR | OFF | 2005/10/01 19:41 |
| S13 | 3   | ((("6168594") or ("5902328") or ("5584872"))).PN.  | USPAT              | OR | OFF | 2005/10/01 19:43 |
| S14 | 0   | S13 and (optic\$2 same fiber)  | USPAT              | OR | OFF | 2005/10/01 19:43 |
| S16 | 124 | LaFontaine.in.   | USPAT              | OR | OFF | 2005/10/01 19:44 |
| S17 | 0   | S9 and S16   | USPAT              | OR | OFF | 2005/10/01 19:44 |
| S18 | 50  | S16 and balloon  | USPAT              | OR | OFF | 2005/10/01 19:44 |
| S19 | 10  | S18 and laser  | USPAT              | OR | OFF | 2005/10/01 19:44 |
| S20 | 26  | (US-20040093044-\$ or US-20040092830-\$).did. or (US-6575966-\$ or US-6565555-\$ or US-5957917-\$ or US-5649923-\$ or US-5569184-\$ or US-5466234-\$ or US-5417653-\$ or US-5370608-\$ or US-5263928-\$ or US-5188634-\$ or US-6423055-\$ or US-5833682-\$ or US-5573531-\$ or US-5344419-\$ or US-5263952-\$ or US-5254112-\$ or US-5226430-\$ or US-5192278-\$ or US-5104392-\$ or US-5019075-\$ or US-4852567-\$ or US-4799479-\$ or US-4685458-\$ or US-5584872-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2005/10/01 19:46 |
| S21 | 22  | S20 and (guidewire (guide adj wire))   | USPAT              | OR | OFF | 2005/10/01 19:46 |

|    | 1 | Document ID   | Title  | Current OR |
|----|---|---------------|--|------------|
| 1  | X | US 5370608 A  | Apparatus for minimizing restenosis  | 604/20     |
| 2  | X | US 5417653 A  | Method for minimizing restenosis   | 604/20     |
| 3  | X | US 5584872 A  | Electrophysiology energy treatment devices and methods of use                | 607/116    |
| 4  | X | US 5019075 A  | Method and apparatus for angioplasty   | 606/7      |
| 5  | X | US 5104392 A  | Laser spectro-optic imaging for diagnosis and treatment of diseased tissue   | 606/15     |
| 6  | X | US 5192278 A  | Multi-fiber plug for a laser catheter  | 606/15     |
| 7  | X | US 5226430 A  | Method for angioplasty   | 128/898    |
| 8  | X | US 5573531 A  | Fluid core laser angioscope  | 606/14     |
| 9  | X | US 5833682 A  | Light delivery system with blood flushing capability                         | 606/15     |
| 10 | X | US 6423055 B1 | Phototherapeutic wave guide apparatus  | 606/15     |
| 11 | X | US 5188634 A  | Rotatable laser probe with beveled tip                                       | 606/14     |
| 12 | X | US 4799479 A  | Method and apparatus for angioplasty   | 606/28     |
| 13 | X | US 4852567 A  | Laser tipped catheter  | 606/3      |
| 14 | X | US 5263952 A  | Two-piece tip for fiber optic catheter                                       | 606/15     |
| 15 | X | US 5344419 A  | Apparatus and method for making a diffusing tip in a balloon catheter system | 606/15     |
| 16 | X | US 4685458 A  | Angioplasty catheter and method for use thereof                              | 606/7      |
| 17 | X | US 5254112 A  | Device for use in laser angioplasty  | 606/7      |
| 18 | X | US 5263928 A  | Catheter and endoscope assembly and method of use                            | 604/509    |
| 19 | X | US 5466234 A  | Expandable laser catheter  | 606/15     |
| 20 | X | US 5569184 A  | Delivery and balloon dilatation catheter and method of using                 | 604/509    |
| 21 | X | US 5649923 A  | Catheter devices for delivering laser energy                                 | 606/15     |

|    | <b>Inventor</b>              |
|----|------------------------------|
| 1  | Sahota; Harvinder et al.     |
| 2  | Sahota; Harvinder et al.     |
| 3  | LaFontaine; Daniel M. et al. |
| 4  | Spears; J. Richard et al.    |
| 5  | Kittrell; Carter et al.      |
| 6  | Hayes; Gary B. et al.        |
| 7  | Spears; J. Richard et al.    |
| 8  | Gregory; Kenton W.           |
| 9  | Amplatz; Curtis A. et al.    |
| 10 | Farr; Norman E. et al.       |
| 11 | Hussein; Hany M. G. et al.   |
| 12 | Spears; J. Richard           |
| 13 | Sinofsky; Edward L.          |
| 14 | Grace; Kenneth P. et al.     |
| 15 | Spears; James R.             |
| 16 | Leckrone; Michael E.         |
| 17 | Sinofsky; Edward et al.      |
| 18 | Trauthen; Brett et al.       |
| 19 | Loeb; Marvin P. et al.       |
| 20 | Crocker; Michael et al.      |
| 21 | Gregory; Kenton W. et al.    |

|    | 1 | Document ID       | Title   | Current OR |
|----|---|-------------------|---|------------|
| 22 | X | US 6565555 B1     | Transvascular TMR device and method                                 | 606/18     |
| 23 | X | US 20040092830 A1 | Catheter and method for diagnosis and treatment of diseased vessels | 600/478    |
| 24 | X | US 5957917 A      | Transluminal hyperthermia catheter and method for use               | 606/15     |
| 25 | X | US 6575966 B2     | Endovascular cryotreatment catheter                                 | 606/21     |
| 26 | X | US 20040093044 A1 | Light delivery catheter   | 607/88     |
| 27 | X | US 6415823 B1     | Catheter tip insert   | 138/96R    |
| 28 | X | US 5860938 A      | Medical pressure sensing guide wire                                 | 600/585    |
| 29 | X | US 6951557 B2     | Percutaneous myocardial revascularization device and method         | 606/15     |
| 30 | X | US 6923805 B1     | Electrophysiology energy treatment devices and methods of use       | 606/41     |
| 31 | X | US 5472441 A      | Device for treating cancer and non-malignant tumors and methods     | 606/41     |
| 32 | X | US 6491689 B1     | Percutaneous myocardial revascularization device and method         | 606/15     |
| 33 | X | US 6168594 B1     | Electrophysiology RF energy treatment device                        | 606/41     |
| 34 | X | US 5902328 A      | Electrophysiology energy treatment device and method of use         | 607/116    |
| 35 | X | US 5695468 A      | Balloon catheter with improved pressure source                      | 604/96.01  |
| 36 | X | US 5261904 A      | Laser catheter having diffraction grating for beam shaping          | 606/17     |
| 37 | X | US 4832023 A      | Method and apparatus for reducing blockage in body channels         | 606/7      |
| 38 | X | US 6024739 A      | Method for detecting and revascularizing ischemic myocardial tissue | 606/15     |

|    | <b>Inventor</b>                     |
|----|-------------------------------------|
| 22 | Ryan; Timothy J. et al.             |
| 23 | Scott, Robert W. et al.             |
| 24 | Doiron; Daniel R. et al.            |
| 25 | Lane; Miriam et al.                 |
| 26 | Rychnovsky, Steven J. et al.        |
| 27 | Vasek; Jeffrey A. et al.            |
| 28 | Lafontaine; Daniel M. et al.        |
| 29 | Ellis; Louis et al.                 |
| 30 | LaFontaine; Daniel M. et al.        |
| 31 | Edwards; Stuart D. et al.           |
| 32 | Ellis; Louis et al.                 |
| 33 | LaFontaine; Daniel M. et al.        |
| 34 | LaFontaine; Daniel M. et al.        |
| 35 | Lafontaine; Daniel M. et al.        |
| 36 | Baker; Glenn S. et al.              |
| 37 | Murphy-Chutorian; Douglas R. et al. |
| 38 | Ponzi; Dean M. et al.               |



|    | 1 | Document ID  | Title  | Current OR |
|----|---|--------------|--|------------|
| 39 | X | US 5620438 A | Method and apparatus for treating vascular tissue following angioplasty to minimize restenosis | 606/10     |

|    | Inventor                     |
|----|------------------------------|
| 39 | Amplatz; Curtis A. et<br>al. |